

	Name	Description	Priority ⁽¹⁾ - highest, 3 - lowest)	Rationale
1	Criminal Status	The user shall be able to update the incarceration status of the criminal.	2	Helpful to keep users up to date on where a criminal may be, and to avoid chasing criminals already incarcerated/in custody.
2	Multiple Crimes	The user shall be able to attribute one suspect to multiple crimes	2	Needed so that the database isn't full of entries related to one suspect, and for ease of access.
3	Tracking Cases	The user shall be able to add suspects accused of any crime	1	This database will be used to track ALL crime. This is crucial for the database to work as intended.
4	Export Data	The system shall be able to export...	3	This feature will be useful in the sharing of information between the police and detectives, prosecutors, etc., but is not a high priority.
4.1		Profiles		
4.2		Cases		
4.3		Evidence		
4.x		...		
5	Sensitive Information	The system shall automatically restrict sensitive information from all standard users	1	Without confidentiality in certain areas, laws may be breached, or worse, information could wind up in the wrong hands and put officers in danger
6	Import Data	The system shall be able to interpret data given in text format to create...	2	This is a must in the program as the user may need this in a text document to give to someone else
6.1.1		Profiles		
6.1.2		Cases		
6.1.3		Evidence		
6.1.x		...		
7	Crime Case	The user shall delete a criminal case if the criminal linked to the case is dead	2	This feature will help keep cases with criminals that are still active and alive
8	Entering Data	The user shall be able to input data such as...	1	This feature is a must as this whole program is suppose to store information about a criminal and his/her crime
8.1		Criminals name		
8.2		Police Officers name		
8.3		Criminals Address		
8.4		Criminals cellphone		
8.5		Etc.		
9	Tracking	The user shall be able to track information such as...	1	This is a must as we will want the crimes to be up to date so the user can keep track of where the crime is at a specific time
9.1		Witnesses		
9.2		Crime evidence		

9.3		Alibis		
9.4		Etc.		
10	Minors	The user shall be able to store a criminal under the age of 18 in the system	2	This feature will help store minors in the system, but once the case is inactive, they are able to be removed from the system
10.1		The user shall be able to remove the criminal once the case is inactive		
11	Solved Cases	The user shall "flag" a case when that specific case is solved	1	This is a need as the system needs to know when a crime is solved and no longer needs to be worked on
12	Password	The user needs a password in order to login in to the system	1	This feature will allow safety and protection to the software
13	Users	The system shall allow different types of users such as...	1	Having this will allow certain users to access certain information
13.1		Administrators		
13.2		Detectives		
13.3		Police Officers		
14	Types of crimes	The system shall categorize crimes based on severity	2	This will help the user find a specific case they are looking for in the system
15	Misdemeanors	The system shall track misdemeanors if the policemen enters it into the system	3	This is not a big feature as it is not required for the system to track these types of cases, but can if the users wants to
16	Evidence	The system shall track evidence such as...	1	This is important as evidence will help solve cases when user looks at the crime
16.1		Blood		
16.2		Hair		
16.3		Fingerprints		
16.4		Guns		
16.x		Etc.		
17	Updating Crime	The system shall update the crime such as...	1	This can be important so the user knows where in the case we are at with live updates during the crime
17.1		Police who was first on scene		
17.2		detective on the case		
17.3		who collected evidence		
17.x		Etc.		
18	Police Departments	The system shall organize by police department	2	helps organize what cases are with what departments
19	Revoke access	The system shall revoke access for policemen that are no longer in the force	2	This will allow for people no longer on cases to not share information any longer
20	Admins	The user shall only be able to enter general information into the system such as...	1	This is so admins don't get in the way of crimes, as they only need to see general information
20.1		Name		
20.2		Address		

20.3		Phone Number		
20.x		Etc.		
21	Policemen	The user shall enter more descriptive information into the system such as...	1	This is so policemen can enter data they saw on the crime scene
21.1		Evidence		
21.2		Witnesses		
21.3		Associates		
21.x		Etc.		
22	Photos	The system shall keep photos of people such as...	3	This feature is not nessary, but can be nice to see what each person looks like
22.1		Criminals		
22.2		Witnesses		
22.3		Policemen		
23	Modification	The system shall only allow admin to modify the system	1	This is important so no other than the admins can edit things within the software so no one can mess with the software
24	Death	The system shall flag a death from a criminal	1	This is important so we know if a criminal is still alive in the case or not
25	Witness-to-suspect	The system shall update a witness to a suspect once evidence is found	2	This way we can always keep track of status of outside people besides the victim
26	Categories	The system shall categorize evidence within a crime	1	This way we can see the most important evidence vs the least required evidence
27	Duo factor	The system shall have a duo factor authentication feature to login to the database	3	This feature will be added once our other important features are through, but this will just help security of the system
28	Federal vs state	The system shall flag the difference between federal crimes vs state crimes	2	This feature will allow users to tell the difference between federal crimes and state crimes within the system
29	Crimes outside of US	The user shall input crimes outside the US of americans if pleased to do so	3	This feature basically means that if an american commits a crime outside of the US, the user has the option to put in the crime if they like, but this feature is not nessesary
30	Families	The system shall tie families together with the criminal	2	This feature will allow for the criminal to have his familiy tied incase a family member creates another crime
31	Crime access	The system shall allow anyone to view crimes in the database	1	The feature will allow anyone who has access to the database to view a crime, even if it was not inputted by them
32	Accessing System Remotely	The system shall allow remote connections from verified users	2	This feature is helpful for anyone not at their work PC. By using a remote system, the software remains somewhat confidential, as the whole of the software isn't exposed.
33	Error Handling	The system shall notify users if information input does not match the required type expected	1	This feature will not only keep things clean, but will also reduce the number of bugs in the system.
34	Change Tracking	The system shall keep track of all changes made to information in the system	1	Allows for users and admins to check and make sure data is being managed properly, and to prevent malicious intent.
35	Regular Backups	The system shall back up the database every 12 hours.	1	Ensures all data is kept secure, even in the case of power failure, malicious access, or any other scenario in which data could be lost.

36	Lock-Out System	The system shall allow a user 5 login attempts before locking them out...	2	Ensures that malicious attempts to handle the system are dealt with automatically, allows for admins to revoke lockdown in instances where nonmalicious users get locked out, and for workplace time override.
36.1		for 24 hours		
36.2		for a workplace specified time		
36.3		until an admin removes the lockdown		
37	Password Expiration Policy	The system shall force the user to change their password after...	1	Makes sure that users passwords are kept up to date to prevent any malicious breaches of the system.
37.1		6 months		
37.2		A workplace specified time		
38	Strong Password Policy	The user shall create a password that...	2	Ensures passwords are not easy to crack, making for a safer system.
38.1		Is greater than 10 characters long		
38.2		contains symbols		
38.3		contains numbers		
38.4		contains letters		
38.5		follows workplace standard		
39	Audio	The system shall...	2	Allows for users to input and utilise audio files. In addition, this feature gives way for notification systems.
39.1		interpret audio files		
39.2		play audio files		
40	Help Panel	The system shall contain a help panel with information on how to...	3	Helps new users and old users get adjusted/help them out in cases where needed. Not essential so it's listed as a 3.
40.1		Navigate the page the user is on		
40.2		Assist with editing data		
40.3		Assist in entering new data		
41	Current Location	Tracks location and can sort information based on location	2	Allows program to filter crimes based on the location of the user.
42	Filter	Can filter data and information	2	Certain information is hidden and blocked which can be set temporarily or indefinitely
43	Quick Search	Makes searching easier	2	User can select certain filters that will list out the crimes where those specific filters apply. Searching therefore is less complicated
44	Pin point maps	Displays map that pins crimes	3	Map system displays a map with pinpoints of all crimes on the map. Ease of use is improved because users can see the crimes and location on a map.
45	User Tracing	Internal system to see who is looking up who	1	System tracks ip addresses and devices and saves all searches
46	Video	Allows for videos to be stored in data	2	Video system to allow video evidence to be stored and videos of crime scenes

47	Notification System	Sends live notification	3	When updates and changes are made notifications can pop to user to show the change
48	Auto signout	After certain time system is closed or logged off	3	In order to protect the system, the system will automatically sign off when the user is inactive for a certain period of time
49	Auto Save	After certain period of time the system will automatically save inputted data	3	To prevent data from being deleted when inputting the system may automatically save at a certain period of time
50	Internet	Internet is needed in order to add information	1	In order to for system to update for every user, internet must be used when adding or making changes in system.
51	Offline access	Access to information when offline	2	Data and information previously stored will be saved and able to be access when there is no internet.
52	Firewall system	Protect data	1	To prevent against hackers and breachers there is a firewall system that is implemented to protect stored data
53	Auto Refresh	Data is automatically refresh at certain period of time	2	When changes are made, data is automatically refreshed inorder to make sure the most up to date information is shown to all users.